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## TRANSMITTAL FORM

*(to be used for all correspondence after initial filing)*

		Application Number	10/763,357
		Filing Date	January 23, 2004
		First Named Inventor	John L. FEATHERSTONE
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	8+ ISR	Attorney Docket Number	144092000401

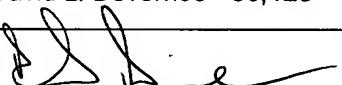
### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Form 1449, 2 pages (in duplicate); International Search Report; Return Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement, <i>3 PAGES</i>	<input type="checkbox"/> CD, Number of CD(s) _____	
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

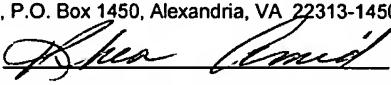
Remarks

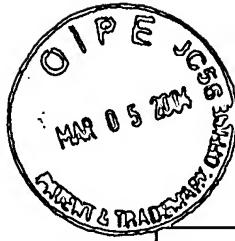
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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	MORRISON & FOERSTER LLP David L. Devernoe - 50,128
Signature	
Date	March 2, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

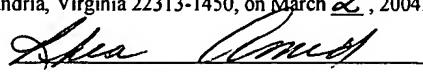
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PATENT  
Docket No. 144092000401

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Rhea Amid

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

John L. FEATHERSTONE et al.

Serial No.: 10/763,357

Filing Date: January 23, 2004

For: PROCESS FOR PRODUCING  
ELECTROLYTIC MANGANESE  
DIOXIDE

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copy of document number 17 is submitted herewith. However, copies of the remaining documents cited in the attached Form PTO-1449 were previously submitted in an Information Disclosure Statement and/or Office Action, directed to the related application Serial Number 10/160,809, filed May 31, 2002, and, accordingly, copies are not included herewith. This protocol conforms

with 37 C.F.R. §1.98(d) and M.P.E.P. 609(A)(2). The Examiner is requested to make these documents of record in the application.

The documents numbers 1 and 9 listed on the attached Form PTO-1449 were cited in an International Search Report mailed on September 10, 2003 (copy attached) directed to a counterpart international or foreign application.

This Information Disclosure Statement is submitted:

- With the application; accordingly, no fee or separate requirements are required.
- Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
- Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance. However, if applicable, a certification under 37 C.F.R. § 1.97(e)(1) has been provided.
  - A fee is required. A check in the amount of \_\_ is enclosed.
  - A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of \_\_ is enclosed.
  - A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. §1.17(p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 144092000401. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

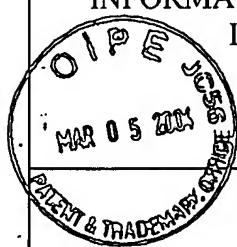
Dated: March 2, 2004

Respectfully submitted,

By:   
\_\_\_\_\_  
David Devernoe  
Registration No. 50,128

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Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

Docket Number 144092000401 Application Number 10/763,357

## Applicant

John L. FEATHERSTONE et al.

Filing Date January 23, 2004

Group Art Unit To Be Assigned

Mailing Date March 2, 2004

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	08/1947	2,424,958	Clemens	N/A	N/A	
	2.	11/1977	4,058,585	MacKay et al.	423	24	
	3.	09/1977	4,051,223	MacKay	423	157	
	4.	12/1978	4,128,493	MacKay et al.	252	184	
	5.	05/1984	4,446,026	Beutier et al.	210	639	
	6.	05/1989	4,830,766	Gallup et al.	252	8.552	
	7.	09/1993	5,246,593	Gallup	210	709	
	8.	10/1994	5,358,700	Brown et al.	423	100	
	9.	08/1999	5,932,086	Kasaian	205	573	
	10.	11/1999	5,976,383	Guess et al.	210	711	
	11.	12/2000	6,156,186	Mueller et al.	205	560	
	12.	02/2003	6,517,701	Geisler	205	538	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	13.	03/1999	WO 99/14403	WIPO			
	14.	05/1992	EP 0268319	EP			

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	15.	Alexperov et al. "Extraction Removal of Iron from Manganese Sulfate" Journal of Applied Chemistry of the USSR 65(12):2342-2344 (1992)
	16.	Berenguela. "Manganese for the New Millennium" at < <a href="http://www.berenguela.com">http://www.berenguela.com</a> > (Visited July 6, 2001)

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number 144092000401	Application Number 10/763,357
	Applicant John L. FEATHERSTONE et al.	
	Filing Date January 23, 2004	Group Art Unit To Be Assigned
	Mailing Date March 2, 2004	

17.	International Search Report mailed on September 10, 2003, for PCT patent application no. PCT/US03/17116 filed on May 29, 2003, 3 pages.
18.	Mel'nik et al. "Electrodialysis of Manganese-Containing Solutions" Russian J. of Electrochemistry 32(2):248-251 (1996)
19.	Nathsarma et al. "Extraction and Separation of Mn(II) and Zn(II) from Sulphate Solutions by Sodium Salt of Cyanex 272" Hydrometallurgy 45:169-179 (1997)

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.	